

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 02/00185

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04Q 7/20, 7/22, 7/38; H04L 29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H04L, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, PAJ, EPODOC, IEEEExplore

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1158826 A2 (NOKIA MOBILE PHONES LTD) 28 November 2001 (28.11.01) <i>the whole document.</i>	1-17
A	GB 2367454 A (MOTOROLA INC) 3 April 2002 (03.04.02) <i>the whole document.</i>	1-17
A	WO 02/49380 A1 (SIGNALSOFT CORP) 20 June 2002 (20.06.02) <i>the whole document.</i>	1-17

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

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11 September 2003 (11.09.2003)

Name and mailing address of the ISA/AT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG 02/00185

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	A2	1158826	28-11-2001	CN	A	1325242	05-12-2001
EP	A3	1158826	07-05-2003	FI	A	20001252	25-11-2001
				FI	B1	110558	14-02-2003
				JP	A2	02027516	25-01-2002
				US	AA	01055394	27-12-2001
GB	A1	2367454	03-04-2002	AU	A5	00212264	08-04-2002
				GB	A0	00023657	08-11-2000
				WO	A2	00228116	04-04-2002
				WO	A3	00228116	31-10-2002
WO	A	249380		none			